FCC Information

English

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product.
This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.
If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:
• Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
• Move the unit away from the equipment that is receiving interference.
• Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.
If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

FCC ID: T4HSW0001

THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Important Information

For Your Safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug will not go into the outlet completely, turn the plug over and try to insert it the other way. If it still does not fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.

For Your Records

In the event that service should be required, you may need the model number. In the space below, record the date and place of purchase:

Date of Purchase:

Place of Purchase:

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

Technical Information

Product: Clock Radio
Brand: RCA
Model: RP5440

Electrical Consumption

Power Supply: 120V ~ 60Hz
Power Consumption: 4 Watts

IMPORTER
Comercializadora Thomson de México, S.A. de C.V.
Álvaro Obregón No. 151. Piso 13.
Col. Roma. Delegación Cuauhtémoc
C.P. 06700. México, D.F.
Telefono: 52-55-11-020360
RFC: CTM-980723-K55

Main plug is used as the disconnect device, it shall remain readily operable and should not be obstructed during intended used. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

The descriptions and characteristics in this owner's manual are for the purpose of general reference only and not as a guarantee. In order to provide you with the highest quality product, we may make changes or modifications without prior notice. The English version serves as the final reference on all product and operational details should any discrepancies arise in other languages.

Important Information

- Make sure that you keep your set away from water and high temperatures.
- Do not use your System immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- To prevent personal injury, do not reverse any batteries.
- The use of apparatus in moderate climates.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- Minimum distances (2cm) around the apparatus for sufficient ventilations.
- The ventilation should not be impeded by covering the ventilation opening with items, such as newspaper, table-cloths, curtains, etc.
- The rating plate is located at the bottom cabinet of apparatus.

Ecology

Help protect the environment - we recommend that you dispose of used batteries by putting them into specially designed receptacles.

Maintenance

Clean the unit with a soft cloth, or a damp chamois leather. Never use solvents.

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Before You Begin

Battery Back-Up Operation

This clock radio is equipped with a memory holding system that can be powered with 2 "AA" batteries (included and installed). The power failure protection circuit will not operate unless battery is installed. When normal household power is interrupted, or AC line cord is unplugged, the batteries will power the clock radio to keep track of time and alarm settings programmed into memory. When the battery backup functions, the digital display will not light, however, the function of alarm still occurs during the power interruption if remaining battery power is adequate. Normal operation will resume after AC power is restored so you will not have to reset the time or the alarm.

Replace batteries as follow:
1. Remove battery compartment door (located at the bottom of the radio) by applying thumb pressure to the tab on battery door and then lift the door out and off the cabinet.
2. Insert 2 AA batteries.
3. Replace the compartment door.

Note: we recommend that you replace the batteries every 2-3 years.

Note:
Power is fed to the unit even when it is not functioning. To cut the power supply off, the power cable must be unplugged.

Power Failure Indicator

When AC power is interrupted (disconnected) for a short period of time, both time and alarm settings will change (unless batteries are installed). After AC power is restored (reconnected), the Digital Display will blink to indicate that power was interrupted and you should readjust the time and alarm settings.

5630 6080 (EN/E)

RCA user manual

EN/E

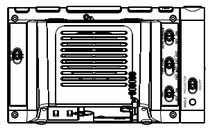
RP5440

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su euipo.

General Controls

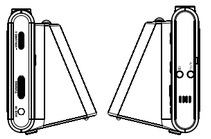
Top View

OFF - turns the unit off.
FWD ▸▸ - sets time (increases value).
SNOOZE/PROJECTION - enters snooze mode where the alarm will quiet but sound again once the snooze period is over; turns on the projector for about 10 seconds when it is switched off.
◂◂ REV - sets time (decreases value).
RADIO/AUX - turns unit on; selects radio or AUX mode.
WAKE - ◪ ♪ OFF - activates, deactivates and sets wake function.
🔑 /WAKE1/WAKE2/ ⏲ - slide switch to lock setting and to set Wake 1, Wake 2 and clock time.
NAP - activates NAP function.
SLEEP - activates sleep function.



Back View

AUTO DIMMER - turns auto dimmer function on or off.
TIME ZONE - slide to select time zone corresponds to your location.
DST - turns daylight saving function on or off.
AM/FM - selects between AM and FM bands.
PROJECTOR ON/OFF - turns projector on or off.
ANGLE - rotates the projected image.



Side View

-VOLUME+ - adjusts volume.
TUNING - selects radio frequencies.
AUX IN - AUX input jack.
ID - performs temperature information synchronization with the digital thermometer.
°C/°F - selects temperature scale.

Clock

Before You Plug for Power

1. Setting Time Zone

You may slide the **TIME ZONE** selector at the back of the unit to Eastern (EST), Central (CST), Mountain (MST) or Pacific (PST) (refer to the maps on the right).

2. Daylight Saving

You can slide the **DST** switch at the back of the unit to turn on/ off in areas observing/ not observing such time change.

WARNING: Please avoid playing with these buttons after entering the Clock/Alarm set mode.

Auto Clock Set

You do not have to set the clock time as a built-in automatic time set system is equipped in this clock powered by 3V (2 X AA batteries, included and installed). All you have to do is to plug this clock for power and current time will be shown automatically.
However, the batteries can also be exhausted and we recommend that you replace the batteries every 2-3 years. In case the memory holding batteries are accidentally removed, you may set the clock manually with following procedures:

Setting Clock

1. Slide the switch 🔑 **/WAKE1/WAKE2/ ⏲** on the top of the unit to ⏲ clock position.
2. Press **◂◂ REV** or **FWD ▸▸** to set the clock time. The time decrements or increments will follow by a faster rate when you press and hold the buttons. The ":" between hour and minute time flashes when you are setting the time. AM or PM icon will also beside the time.
3. Slide the switch 🔑 **/WAKE1/WAKE2/ ⏲** on the top of the unit to 🔑 position when finished.

Clock Projector

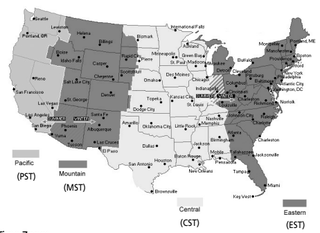
A clock projector is located on the left side of the unit. Clock time can be projected onto ceilings or walls for easy reference. The distance between the projector and the projected surface should be within 2.6 to 9 feet (0.8m to 2.8m) .

The projector can be rotated 90° forward or backward. Slide the **PROJECTOR** switch to turn on or off the projector. To rotate the projected image, press **ANGLE** repeatedly. Each press will rotate the image by 90°.

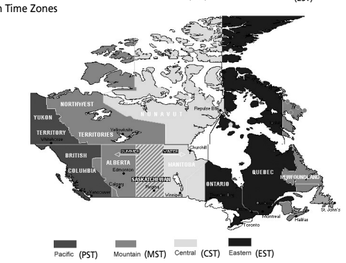
The clock time can also be displayed temporarily from the projector even if it is switched off. Press **SNOOZE/PROJECTION** once to display the clock time for about 10 seconds.

Clock

US Time Zones



Canadian Time Zones



Radio

Selecting Radio Mode

Press **RADIO/AUX** to switch on radio.

Switching Band

Slide the **AM/FM** switch on the back of the unit to select AM or FM band.

Tuning the Radio

Turn the **TUNING** knob on the right of the unit to adjust radio frequency. Radio frequency shows on the display.

FM Antenna

The power cord acts as your FM antenna. The power cord picks moderate to strong stations and eliminates the need for an external antenna in most strong signal areas. Be sure the power cord is stretched out to its full length. Changing position of the power cord may improve reception.

Built-In AFC
The Built In Automatic Frequency Control (AFC) works only on FM. It helps reducing drift on FM reception and keeping the radio locked in on the FM station to which it is tuned.
When tuning in FM stations, you may notice that the station you are tuning can be well-tuned on two or three nearby points on the dial. Always tune carefully at the loudest and clearest point.

AM Antenna

A built-in ferrite rod antenna eliminates the need for an outside antenna for AM reception. Rotating the unit slightly may improve reception of distant AM stations.

Listening to Auxiliary Source

1. Connect your auxiliary source (e.g. mp3 player) to the AUX input jack on the right side of the unit.
2. Turn on the unit and your auxiliary source.
3. Press **RADIO/AUX** to switch to listen to auxiliary source. The AUX indicator on the front display will turn on. Press again to switch back to listen to the radio.

Auto Brightness Control

Clock time and radio frequency are display on the display area at the front of the unit. The display brightness can be adjusted automatically by analyzing the intensity of surrounding light sources.

Slide **AUTO DIMMER** on the back of the unit to **ON** position to activate the function.

Wake Function

Setting Wake Time

This unit allows two wake times to be set.
1. Slide the switch 🔑 **/WAKE1/WAKE2/ ⏲** on the top of the unit to **WAKE 1** or **WAKE 2** position.
2. Press **◂◂ REV** or **FWD ▸▸** to set the respective wake time. The time decrements or increments will follow by a faster rate when you press and hold the buttons. The ":" between hour and minute time flashes when you are setting the time.
3. Slide the switch 🔑 **/WAKE1/WAKE2/ ⏲** on the top of the unit to 🔑 position when finished.

Selecting Wake Source

You may be woken up by radio or alarm.
1. Select an AM or FM station (see directions on "Radio").
2. Set a wake time (see above directions).
3. Press **WAKE - ◪ ♪ OFF 1** or **2** repeatedly on the top of the unit to select a waking mode. Corresponding icon lights on the front of the unit.
   ◪ - Wake 1 by alarm
   🕮 - Wake 1 by radio
   ◪ - Wake 2 by alarm
   🕮 - Wake 2 by radio

Checking Wake Time

Slide the switch 🔑 **/WAKE1/WAKE2/ ⏲** on the top of the unit to **WAKE 1** or **WAKE 2** position to check the currently set wake time.

Turning Off the Wake Alarm or Radio

Press **SNOOZE** on the top of the unit. The wake alarm or radio will be switched off temporarily. The alarm or radio will be on again when the snooze period is over. (see "SmartSnooze™ Operation")

To turn off the wake alarm or radio completely, press **OFF**. The wake alarm or radio will activate again the next day unless you switch off the Wake function (see "Switching off Wake Function").

Tip: The unit equips with **GRAD-U-WAKE** feature, the alarm tone volume will increase gradually to its maximum in about 30 to 45 seconds.

Wake Function

SmartSnooze™ Operation

This operation allows extra sleep time after the wake function is on. The alarm will be off by pressing **SNOOZE**, **NAP**, **SLEEP**, **◂◂ REV** or **FWD ▸▸** until the snooze period is over. Snooze function can be used repeatedly up to 30 minutes (default: 9 minutes).

Set the "quiet" period as follow:

1. Press and hold **SNOOZE**.
2. Press **◂◂ REV** or **FWD ▸▸** to set the quiet period. The time decrements or increments will follow by a faster rate when you press and hold the buttons.

Switching Off Wake Function

Press **WAKE - ◪ ♪ OFF 1** or **2** repeatedly on the top of the unit until no wake mode icon shows on the display.

Note: SmartSnooze™ is only available when 🔑 **/WAKE1/ WAKE2/ ⏲** is at the lock 🔑 position.

Sleep Function

In sleep mode, you can set the duration (up to 2 hours) before the radio turn off automatically.

1. Press and hold **SLEEP** on the top of the unit and use **◂◂ REV** or **FWD ▸▸** to set the duration up to 2 hours (default: 59 min). The time decrements or increments will follow by a faster rate when you press and hold the buttons. Note: The radio will be switched on.
2. To check the remaining duration before the radio turns off, press and hold **SLEEP**.
3. To cancel the sleep function, press **SNOOZE** or **OFF**.

Tips: You may also set sleep mode to auxiliary audio source. Connect the auxiliary source (e.g. mp3 player) and press **RADIO/AUX** twice to select AUX mode after sleep time is set. However, the auxiliary source cannot be turned off by the unit.

NAP Function

This function wakes you up after a short period of time (from 10 minutes to 2 hours).

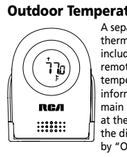
1. Press **NAP** on the top of the unit and use **◂◂ REV** or **FWD ▸▸** to set the duration up to 2 hours (each press decreases or increases duration by 10 minutes).
2. The clock time shows after a few seconds if no button is pressed. **NAP** icon shows on the display to indicate the function is activated.
3. To check remaining nap time, press **NAP** once to show the time on the display briefly.
4. When the alarm sounds, press **OFF** to switch it off.
- To cancel the function before the nap time ends, press and hold **NAP** until no NAP icon shows on the display.

Thermometer

Indoor Temperature

The main unit has an internal thermometer that shows the current room temperature at the lower left of the display indicated by "IN".

Outdoor Temperature



A separate digital thermometer is included which can remotely transmit temperature information to the main unit and shows at the lower right of the display indicated by "OUT".

Install 2 "AAA" batteries (not included) in the thermometer.
1. Unscrew at the battery compartment to open the door.
2. Install two "AAA" batteries by referring to the indications in the compartment.
3. Replace the battery compartment door of the thermometer and secure closing with the screw.

Once the main unit (clock radio) is plugged for power, it can automatically synchronize with the digital thermometer (with batteries installed) to show the temperature. You do not need to do anything.

However, if you find abnormal temperature display on the main unit, you may synchronize the temperature manually by following the steps below:

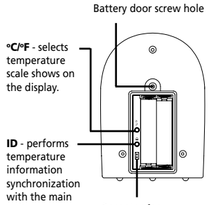
1. **At the main unit (clock radio):** press and hold **ID** until the temperature display "- - -" at the lower right of the display starts scrolling.
2. **At the digital thermometer:** Unscrew at the battery compartment to open the door. Press and hold **ID** inside the battery compartment until the antenna icon on the display of the thermometer flashes. Synchronization starts automatically and should be finished within several seconds.
- When synchronization succeeds, the antenna icon stops flashing and the synchronized temperature shows on the main unit.
3. If synchronization fails (no temperature shows on the main unit), perform step 2 again.
If synchronization still fails after several attempts and the temperature display "- - -" on the main unit stops scrolling and starts to flash, you have to perform both steps 1 and 2 again.

Thermometer

Line Out Temperature Sensor

If you are going to install the thermometer outdoor with extreme temperatures (below 14°F (-10°C)), the use of line out temperature sensor (included) is recommended to avoid battery failure. Insert the sensor connector to the receptor (below **ID** button) in the battery compartment. The sensor wire should be extended from battery compartment through the hole at the lower left of the door.

Back view with battery compartment door removed (batteries not included)



Placing thermometer

The digital thermometer can be fixed on walls with the included holder (screws not provided). If you are placing it outdoor, ensure that it does not get wet by rain and is not under direct sunlight.

If you are using the line out temperature sensor, place the thermometer indoor and extend the sensor wire outside the window.

Tips:
· The thermometer sends the latest temperature information to the main unit every 35 seconds. There may be delay on the main unit to show the most updated temperature changes.
· When the outdoor temperature display is flashing on the main unit, there may be no signal receiving from the digital thermometer. Please make sure the batteries of the thermometer are not empty and the thermometer is not placed too far from the main unit and without obstacles between them.

Note: Both the main unit and thermometer will show "LLL" if temperature is lower than -58°F (-50°C) and will show "HHH" if it is higher than 140°F (60°C).

Limited Warranty (United States)

What your warranty covers:
• Defects in materials or workmanship.
For how long after your purchase:
• One year from date of purchase.
The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.
What we will do:
• Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.
• Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.
How to make a warranty claim:
• Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
• Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:
Thomson Inc.
Product Exchange Center
11721 B Alameda Avenue
Socorro, Texas 79927
• Insure your shipment for of loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
• Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
• A new or refurbished unit will be shipped to you freight prepaid.
What your warranty* does not *cover:
• Customer instruction. (Your Owner's Manual provides information regarding operating Instructions and user controls. For additional information, ask your dealer.)
• Installation and set-up service adjustments.
• Batteries.
• Damage from misuse or neglect.
• Products which have been modified or incorporated into other products.
• Products purchased or serviced outside the USA.
• Acts of nature, such as but not limited to lightning damage.
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How state law relates to this warranty:
• Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
• This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.
If you purchased your product outside the USA:
This warranty does not apply. Contact your dealer for warranty information.